

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	"5698844"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L2	0	("56988434").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L3	2	("5698844").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L4	44696	conductance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L5	1527	conductance and (image adj sensor or image-sensor or imager or ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L6	608	(conductance and (image adj sensor or image-sensor or imager or ccd)) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L7	389	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L8	176	((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L9	98	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L10	119	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L11	117	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain) and amplif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L12	95	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain) and (amplify or amplification or amplifying)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L13	4	((("5786588") or ("5955753")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L14	5	(US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.	USPAT	OR	OFF	2005/07/08 12:05
L15	0	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain with different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L16	1	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain with differ\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L17	4	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L18	24	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L19	20	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc\$4))) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05

L20	53741	(noise with (reduction or ruduc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L21	1617	(noise with (reduction or ruduc\$4)) with (gain or gains)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L22	460	((noise with (reduction or ruduc\$4)) with (gain or gains)) with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L23	32	((((noise with (reduction or ruduc\$4)) with (gain or gains)) with amplifier) with (different or difference))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L24	3	((noise with (reduction or ruduc\$4)) with (gain or gains)) with mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L25	2	("5955753").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L26	2	("5786588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L27	586	memory with gain with (pixel or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L28	6	memory with gain with (pixel or sensor) with mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L29	6	memory with gain with (pixel or sensor or light) with mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L30	27	memory with gain with (pixel or sensor) with (vary or change or different)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L31	193	memory with gain with (pixel or sensor) and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L32	21	memory with gain with (pixel or sensor) with noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L33	3	("5698844" "5717458" "5861620").PN.	USPAT	OR	OFF	2005/07/08 12:05
L34	5	("5182623" "5311320" "5652622" "5693932" "5737016").PN.	USPAT	OR	OFF	2005/07/08 12:05
L35	9	("4768084" "5119202" "5122881" "5144447" "5187583" "5335008" "5420631" "5453783" "5539461").PN.	USPAT	OR	OFF	2005/07/08 12:05
L36	6	("Re34309" "5288988" "5311319" "5424529" "5488415" "5587738").PN.	USPAT	OR	OFF	2005/07/08 12:05
L37	7	"5861620".URPN.	USPAT	OR	OFF	2005/07/08 12:05
L38	33	(US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2005/07/08 12:05
L39	15	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L40	15	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L41	7	((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L42	6	(((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L43	1	(((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and (memory with gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05

L44	7	(((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$). did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L45	7	(((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$). did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L46	4	((((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$). did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)) and gain) and mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L47	1007	MOS and Conductance and Length and width and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L48	179	MOS with Conductance and Length and width and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L49	38	MOS with Conductance with Length and width and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05

L50	18	MOS with Conductance with Length with width and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L51	2	MOS with Conductance with Length with width with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L52	722	MOS and Conductance and Length and width and gain and oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L53	103	(MOS and Conductance and Length and width and gain and oxide) and (gain with MOS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L54	0	gain with amplifyer with oxide with length with width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L55	40	mos with gain with (calculation or equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L56	27767	mos .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L57	106	(mos .ti.) and oxide and thickness and width and length and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L58	12	(mos .ti.) and oxide with thickness with width and length and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L59	0	(mos .ti.) and oxide with thickness with width with length with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05

L60	10	(mos .ti.) and oxide with thickness with width with length and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L61	888	load adj mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L62	13	load adj mos with amplifying adj mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L63	1	load adj mos with amplifying adj mos with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L64	6	load adj mos with amplifying adj mos and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L65	11902	MOS with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L66	2836	(MOS with amplifier) and load with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L67	79	MOS with amplifier with load with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L68	360	(memory or storage) with pixel with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L69	5	(memory or storage) with pixel with gain with mos	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05

L70	53	(memory or storage) with pixel with gain with (different or high\$2 or low\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L71	112	((memory or storage) with pixel with gain) and image adj sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L72	37	((memory or storage) with pixel with gain) and image adj sensor) and load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L73	1415	storage with transfer with sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L74	39	(storage with transfer with sensor) and storage with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L75	30	((storage with transfer with sensor) and storage with gain) and sensor with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L76	13	storage with transfer with sensor with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L77	154	(gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L78	271	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L79	8	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor) and MOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L80	84	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near4 different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L81	67	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L82	339	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L83	290	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near2 different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L84	28	(storage with transfer with sensor) and ((gain or amplif\$6) near3 (different or very or vary))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 12:05
L85	9	memory adj cell with sensor adj cell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L86	131	memory adj (cell or unit) with sensor adj (cell or unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L87	4	memory adj (cell or unit) with sensor adj (cell or unit) with (gain or amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L88	2229	memory with sensor with (gain or amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L89	10819	(storage or memory) with transfer with (sensor or pixel or reading)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L90	254	((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with (storage or memory))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L91	106	(((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with (storage or memory)))) and MOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L92	46	(US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2005/07/08 12:05
L93	28	((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L94	18	(((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS) and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L95	12	(((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS) and pixel) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L96	9	(((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS) and pixel) and oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L97	5	((((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS) and pixel) and oxide) and length and width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L98	5	((((((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS) and pixel) and oxide) and length and width) and load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L99	10	((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and conductance	USPAT; JPO; DERWENT	OR	OFF	2005/07/08 12:05

L100	10	((((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and conductance) and gain	USPAT; JPO; DERWENT	OR	OFF	2005/07/08 12:05
L101	7	(((((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and conductance) and gain) and length and width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L102	0	(250/214).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L103	2671	(250/208.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L104	667	(348/308).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L105	259	((348/308).CCLS.) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L106	220	((((348/308).CCLS.) and gain) and amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L107	112	(((((348/308).CCLS.) and gain) and amplifier) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L108	3684	(250/214R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L109	4	("4704738" "5896063" "5949285" "5999049").PN.	USPAT	OR	OFF	2005/07/08 12:05
L110	47	hannett .xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L111	46	(US-6147338-\$ or US-5717458-\$ or US-5861620-\$ or US-5311320-\$ or US-5693932-\$ or US-5737016-\$ or US-5652622-\$ or US-5335008-\$ or US-5182623-\$ or US-6163215-\$ or US-6061093-\$ or US-3958187-\$ or US-6127892-\$ or US-5917343-\$ or US-6512544-\$ or US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5786588-\$ or US-6493030-\$ or US-5955753-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2005/07/08 12:05
L112	25	((US-6147338-\$ or US-5717458-\$ or US-5861620-\$ or US-5311320-\$ or US-5693932-\$ or US-5737016-\$ or US-5652622-\$ or US-5335008-\$ or US-5182623-\$ or US-6163215-\$ or US-6061093-\$ or US-3958187-\$ or US-6127892-\$ or US-5917343-\$ or US-6512544-\$ or US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5786588-\$ or US-6493030-\$ or US-5955753-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L113	4	((US-6147338-\$ or US-5717458-\$ or US-5861620-\$ or US-5311320-\$ or US-5693932-\$ or US-5737016-\$ or US-5652622-\$ or US-5335008-\$ or US-5182623-\$ or US-6163215-\$ or US-6061093-\$ or US-3958187-\$ or US-6127892-\$ or US-5917343-\$ or US-6512544-\$ or US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5786588-\$ or US-6493030-\$ or US-5955753-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain\$2 with different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L114	3	("5698844" "5717458" "5861620").PN.	USPAT	OR	OFF	2005/07/08 12:05
L115	6	("Re34309" "5288988" "5311319" "5424529" "5488415" "5587738").PN.	USPAT	OR	OFF	2005/07/08 12:05
L116	15	"5698844".URPN.	USPAT	OR	OFF	2005/07/08 12:05
L117	3	("5698844" "5717458" "5861620").PN.	USPAT	OR	OFF	2005/07/08 12:05
L118	5	"6147338".URPN.	USPAT	OR	OFF	2005/07/08 12:05
L119	3	("5717458" "5861620" "6147338").PN.	USPAT	OR	OFF	2005/07/08 12:05
L120	1	"6486912".URPN.	USPAT	OR	OFF	2005/07/08 12:05
L121	229	pixel with memory with gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L122	8	pixel with memory with gain\$2 with different	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L123	229	pixel with memory with gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L124	5	(pixel with memory with gain\$2) with transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L125	90	(pixel with memory with gain\$2) and transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L126	4116	pixel\$2 with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L127	4590	pixel\$2 with amplifier\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L128	2405	(pixel\$2 with amplifier\$2) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L129	516	(pixel\$2 with amplifier\$2) and memory with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L130	177	((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L131	153	((((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2) and pixels	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L132	112	(((((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2) and pixels) and transfer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L133	41	(((((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2) and pixels) and transfer\$4) and MOS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L134	4546	second adj gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L135	275	(second adj gain) and pixel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L136	181	((second adj gain) and pixel\$2) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L137	85	((second adj gain) and pixel\$2) and memory) and transfer\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L138	19068	second adj amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L139	13045	(second adj amplif\$4) and first adj amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L140	7296	((second adj amplif\$4) and first adj amplif\$4) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L141	167	((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L142	78	((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L143	68	((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels) and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L144	23	((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels) and storage) not (((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels) and memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L145	18921	(storage with amplif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L146	438	((storage with amplif\$4)) and (pixel with amplif\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L147	279	((storage with amplif\$4)) and (pixel with amplif\$5)) and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L148	65	((storage with amplif\$4)) and (pixel with amplif\$5)) and noise with gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L149	12555	(read adj out or read-out or readout) with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L150	815	(read adj out or read-out or readout) adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L151	442	((read adj out or read-out or readout) adj amplifier) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L152	4	((read adj out or read-out or readout) adj amplifier) and memory adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L153	2	((read adj out or read-out or readout) adj amplifier) and storage adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L154	117	((read adj out or read-out or readout) adj amplifier) and memory) and gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L155	71	(((((read adj out or read-out or readout) adj amplifier) and memory) and gain\$2) and pixels	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L156	159	noise with amplif\$4 with pixels	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L157	9	(noise with amplif\$4 with pixels) and (decrease or reduce) with gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L158	463	gain with reduce adj noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L159	2406426	gain with reduce near\$3 noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L160	2342858	gain with reduce near\$2 noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L161	81500	(gain with reduce near\$2 noise) and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L162	72127	(gain with reduce near\$2 noise) and pixels	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L163	61	((gain with reduce near\$2 noise) and pixels) and initial adj gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L164	61	((gain with reduce near\$2 noise) and pixels) and initial adj gain) and gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05

L165	1128	gain with reduce near3 noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L166	936	gain with reduce near2 noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L167	81	(gain with reduce near2 noise) and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L168	85	(gain with reduce near2 noise) and pixel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L169	85	((gain with reduce near2 noise) and pixel\$2) and gain\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L170	154	(gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L171	45	((gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)) and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L172	3	((((gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)) and memory) and pixel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05
L173	2	("4868752").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/08 12:05